

**C L A I M S**

- 1        1. Cement paint, comprising a pigmenting substance, a cement binder and  
2 a fluidizing liquid, and further comprising at least: a calcareous aggregate  
3 comprising calcareous granules of calcium carbonate  $\text{CaCO}_3$  having  
4 maximum sizes smaller than 100 microns, a vitreous aggregate comprising  
5 vitreous granules having maximum sizes smaller than 100 microns, and a  
6 photo catalyst to oxidize polluting substances in the presence of light and air.
- 1        2. Cement paint as claimed in Claim 1, wherein said calcareous granules  
2 have maximum sizes smaller than 50 microns and wherein said vitreous  
3 granules have maximum sizes smaller than 50 microns.
- 1        3. Cement paint as claimed in Claim 1, wherein said calcareous granules  
2 and vitreous granules have sizes similar to each other.
- 1        4. Cement paint as claimed in Claim 1, wherein said vitreous granules  
2 comprise glass fragments of E-AR type.
- 1        5. Cement paint as claimed in Claim 1, wherein said vitreous granules  
2 comprise glass fragments at least partly agglomerated together by an  
3 aminosilane.
- 1        6. Cement paint as claimed in Claim 1, wherein said vitreous granules are  
2 perlex granules.
- 1        7. Cement paint as claimed in Claim 1, wherein said photo catalyst  
2 includes titanium oxide  $\text{TiO}_2$ .
- 1        8. Cement paint as claimed in Claim 1, wherein said cement binder  
2 includes white cement.
- 1        9. Cement paint vehicle, comprising at least one fluidizing liquid and a dry  
2 preparation, said fluidizing liquid being water and said dry preparation being

3 a powdered material comprising a calcareous aggregate, a vitreous  
4 aggregate, and a photo catalyst as claimed in Claim 1.

1       **10.** Dry preparation for cement paint, comprising a cement binder and  
2 further comprising: a calcareous aggregate comprising calcareous granules of  
3 calcium carbonate  $\text{CaCO}_3$  having maximum sizes smaller than 100 microns,  
4 and a vitreous aggregate comprising vitreous granules having maximum sizes  
5 smaller than 100 microns.

1       **11.** Dry preparation as claimed in Claim 10, wherein said calcareous  
2 granules have maximum sizes smaller than 50 microns and wherein said  
3 vitreous granules have maximum sizes smaller than 50 microns.

1       **12.** Dry preparation as claimed in Claim 10, wherein said calcareous  
2 granules and vitreous granules have sizes similar to each other.

1       **13.** Dry preparation as claimed in Claim 10, wherein said vitreous granules  
2 comprise glass fragments of E-AR type.

1       **14.** Dry preparation as claimed in claim 10, wherein said vitreous granules  
2 comprise glass fragments at least partly agglomerated with each other by an  
3 aminosilane.

1       **15.** Dry preparation as claimed in Claim 10, wherein said vitreous granules  
2 are perllex granules.

1       **16.** Dry preparation as claimed in claim 10, wherein said cement binder  
2 includes white cement.

1       **17.** Dry preparation as claimed in Claim 10, wherein a photo catalyst is  
2 provided, to oxidize polluting substances in the presence of light and air.

1       **18.** Dry preparation as claimed in Claim 17, wherein said photo catalyst  
2 includes titanium oxide  $\text{TiO}_2$ .